

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remain(s) under examination in the application is presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or fewer characters; and 2. added matter is shown by underlining.

1. (Currently Amended) A method for coordinating telecommunications services provided to a plurality of users via at least one telecommunications terminal connected to at least one telecommunications network, wherein a service mediation server coordinates processing operations performed by the telecommunications services on behalf of a user, the method comprising:

connecting the telecommunications services to the service mediation server;

specifying, by each of the telecommunications services, at least one event of which the telecommunications service is to be notified by the service mediation server and at least one event which the telecommunications service is capable of transmitting to the service mediation server;

connecting the at least one telecommunications terminal of a user to the service mediation server;

defining, via the at least one telecommunications terminal of a user, at least one user profile, the at least one user profile comprising

a record of data concerning the user, the data including at least a list of telecommunications services to which the user has subscribed from among a plurality of available telecommunications services,

information about the at least one telecommunications terminal of the user, the information including a capacity of the at least one telecommunications terminal, and

at least one availability mode corresponding to an activity of the user;

transmitting, from the at least one telecommunications terminal to the service mediation server, the at least one user profile availability mode;

storing the at least one user profile in a database of the service mediation server;

selecting, via the at least one telecommunications terminal of the user, one of the at least one user profile and at least one availability mode stored in the database as an active user profile and availability mode;

accessing, by the at least one telecommunications terminal, at least one of the connected telecommunications services;

determining, by the service mediation server, a state of connectability of the user based upon whether at least one telecommunications terminal is connected to the service mediation server and the active user profile and availability mode;

transmitting, from the service mediation server to the at least one telecommunications terminal, the state of connectability of contacts in a list that is part of the active user profile of the user; and

transmitting, for each event received from a telecommunications service, an event notification from the service mediation server to a telecommunications service having specified that the telecommunications service is to be notified of the event.

2. (Previously Presented) The method according to claim 1, wherein each availability mode defined by a user includes:

an availability state capable of having the values of available and not available, in call transfer to a specified call number or an unknown number if the user does not want his/her availability state to be accessible,

an optional terminal identifier to which an incoming call intended for the user is transferred,

an event notification mode and

a list of contacts to which the availability state applies.

3. (Previously Presented) The method according to claim 2, wherein each availability mode defined by a user also includes availability rules specifying periods in which the availability mode is active.

4. (Previously Presented) The method according to one of claim 1, the state of connectability of each user determined by the service mediation server can be in one of the following states:

connectable if the active availability mode of the user is in the available state and if at least one user terminal is connected to the service mediation server,

not connectable if no user terminal is connected to the mediation server,

access to the connectability state subject to authorization if the user wants his/her connectability state to be provided to other users only with his/her prior authorization,

in transfer if the user specified that incoming calls intended for him/her must be transferred to a call number specified in the active availability mode, and

unknown if the requested user is not registered with the service mediation server or if he/she does not want his/her connectability state to be accessible.

5. (Previously Presented) The method according to claim 1, wherein the transmission of event notifications by the service mediation server is carried out upon the request of each connected service.

6. (Previously Presented) The method according to claim 1, wherein the transmission of an event notification by the service mediation server is performed upon receipt of the event if the service is connected; otherwise, the event is stored in a log and is notified to the service when the latter connects to the service mediation server.

7-15. (Canceled)

16. (Currently Amended) A telecommunications system comprising:
at least one telecommunications network;

a plurality of telecommunications terminals connectable to the at least one telecommunications network;

at least one telecommunications service server connected to the at least one telecommunications network and providing at least one telecommunications service; and

a telecommunications server connected to the at least one telecommunications network and comprising a telecommunications service mediation system comprising

at least one database comprising user data, wherein the user data includes at least one user-specified user profile comprising

a record of data concerning the user, the data including at least a list of telecommunications services to which the user has subscribed from among a plurality of available telecommunications services,

information about the at least one telecommunications terminal of the user, the information including a capacity of the at least one telecommunications terminal, and

at least one availability mode corresponding to an activity of the user;

an availability server adapted to manage and determine a user availability according to user-specified active availability modes and rules included in the user data;

a service management module adapted to receive an event entry defining at least one of an event of which the at least one telecommunications service is to be notified and at least one event to be transmitted by the at least one telecommunications service;

an event notification module adapted to receive events and provide an event notification to the at least one telecommunications service if defined by an event entry; and

a service coordination module adapted to coordinate an operation of the at least one telecommunications service server related to at least one of the plurality of telecommunications terminals, to determine a user connectability state for each user profile associated with a user according to at least one of the plurality of telecommunications terminals connected to the telecommunications server by the telecommunications network and an active user profile and availability mode, and to transmit the user connectability state to each of the plurality of telecommunications terminals connected to the telecommunications network and included in a contact list of the active user profile of the user.

17. (Previously Presented) The system of claim 16, comprising an identification/authentication module adapted to identify and authenticate users that attempt to access the service mediation system or a selected telecommunications service.

18. (Previously Presented) The system of claim 16, comprising an interface module adapted to provide access to the telecommunications server by the at least one telecommunications network, and to receive processing requests from the at least one telecommunications services or users, to retransmit the processing requests to a component of the telecommunications server responsible for performing a requested processing operation, and to transmit a response from the component of the telecommunications server in response to the processing requests.

19. (Previously Presented) The system of claim 18, wherein the interface module comprises a plurality of duplicated components to provide fault tolerance.

20. (Previously Presented) The system of claim 16, comprising an access monitor including:

- a component configured to connect and disconnect a telecommunications terminal and the telecommunications server;

- a component configured to connect and disconnect a telecommunications service and the telecommunications server;

- a component configured to manage, in real time, telecommunications services activated for the user;

- a component configured to select a user profile and an availability mode in the user profile to be activated;

- a component configured to select events for user notification; and

- a component configured to select a telecommunications terminal to receive an incoming call.

21. (Previously Presented) The system of claim 16, wherein each of the plurality of telecommunications terminals is selected from the group consisting of: a personal computer, a personal digital assistant (PDA), a cellular telephone, and a wire telephone.

22. (Previously Presented) The system of claim 16, wherein the at least one telecommunications network is selected from the group consisting of: a terrestrial telephone network, a cellular telephone network, and a computer network.

23. (Previously Presented) The system of claim 16, wherein the at least one telecommunications service server comprises:

- a module configured to connect to the telecommunications service mediation system;

- a module configured to specify and transmit, to the telecommunications service mediation system, at least one event of which the telecommunications service server must be notified by the telecommunications service mediation system or that the telecommunications service server is capable of transmitting to the telecommunications service mediation system; and

- a module configured to receive, from the telecommunications service mediation system, event notifications from other telecommunications services having been specified as required to be notified by the telecommunications service server.

24. (Previously Presented) The method of claim 1, wherein defining comprises defining a plurality of user profiles.

25. (Previously Presented) The method of claim 24, wherein the plurality of user profiles include a personal profile and a professional profile.

26. (Previously Presented) The method of claim 1, wherein defining comprises defining a plurality of availability modes corresponding to activities of the user.

27. (Previously Presented) The method of claim 26, wherein the plurality of availability modes include a meeting mode and a travel mode.